



Derek Clarke, Drinking Water Officer  
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July 30, 2020

**RE: CORRECTIVE ACTION REPORT FOR WINNIPEG PUBLIC WATER SYSTEM, 252.00**

**Incident No:** CAR-05-2020-WMR

**Reported to ODW:** July 23, 2020

**Reported by:** Louis Rivard, Superintendent of Water Distribution Operations

**Approved by:** Nancy Crawford, Compliance Reporting Branch Head

**Incident Date:** July 22, 2020

**Incident Location:** Winnipeg 3-Dist (Hydrant, Strathcona Street, 1200 Block)

**Incident Type:**

Low Positive Total Coliform (<10 per100mL), 3 MR 41/2007

Positive *E.coli* (>0 per100mL), 3 MR 41/2007

**Description of Corrective Actions:**

Water Services: Contacted the ODW and Environmental Standards, flushed the isolated area, deployed a potable water tank, re-sampled original location, and tested additional samples upstream and downstream of original location for bacteria, turbidity, and free chlorine.

Environmental Standards: Re-sampled original location and tested additional samples upstream and downstream of original location for bacteria, turbidity, free/total chlorine, and temperature.

Other: The City of Winnipeg issued a notice to boil water to residents in the impacted area on July 23, 2020. The boil water advisory was subsequently rescinded on July 27, 2020, after two consecutive sets of re-samples taken 24 hours apart tested negative for bacteria.

**Test Results:** See attached

**Reference No:** Job No. 552

**EMERGENCY REPORTING IS REQUIRED WHERE A POTENTIAL HEALTH RISK IS INVOLVED. FOLLOW THE INSTRUCTIONS OF YOUR DRINKING WATER OFFICER IN SITUATIONS REQUIRING IMMEDIATE REPORTING**

N:\Environmental Standards\Analytical Services\Government Agencies\Office of Drinking Water\Corrective Action Reports



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Sample Name	Sample Number	Date Sampled	E Coli (MPNU/100mL)	Total Coliform (MPNU/100mL)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity-field (ntu)	Temperature (°C)	Time Sampled (hrs)
Hydrant - Strathcona, 1200 Block	NA	22-Jul-20	5	6	NA	NA	NA	NA	17:22
Hydrant - Strathcona, 1200 Block	NA	23-Jul-20	<1	<1	0.65	NA	0.65	NA	21:05
Hydrant - Strathcona, 1200 Block (Upstream)	NA	23-Jul-20	<1	<1	0.61	NA	0.92	NA	20:46
Hydrant - Strathcona, 1100 Block (Downstream)	NA	23-Jul-20	<1	<1	0.62	NA	2.52	NA	22:01
Hydrant - Strathcona, 1200 Block	320481	24-Jul-20	<1	<1	0.67	0.90	0.48	19.7	21:20
Hydrant - Strathcona, 1200 Block (Upstream)	320479	24-Jul-20	<1	<1	0.60	0.83	0.26	19.5	21:04
Hydrant - Strathcona, 1200 Block (Upstream) - Duplicate	320480	24-Jul-20	<1	<1	NA	NA	NA	NA	21:05
Hydrant - Strathcona, 1100 Block (Downstream)	320482	24-Jul-20	<1	<1	0.56	0.79	0.51	16.7	22:05

NOTES/COMMENTS:

1. All microbiological tests performed by contract laboratory.
2. N/R-No Result due to laboratory/analyst error.
3. N/A-Not Analyzed.